

# CATAWBA COUNTY CAPITAL IMPROVEMENT PLAN

## Overview

The County's Capital Improvement Plan is a five-year plan for the scheduling and appropriation of funds for major projects representing significant contributions to the County's overall inventory of physical assets. The types of projects traditionally included in the CIP are major non-recurring expenditures for the:

- construction, purchase or major renovation of buildings, utility systems, schools, solid waste, parks, or other physical structures
- purchase of land for utilities, right of way, schools, solid waste, parks, and sites associated with proposed public buildings
- purchase and implementation of technology
- stimulation of economic development

To be considered as a project in the CIP, the project must meet the following criteria:

- project or equipment life of greater than five years
- estimated cost of at least \$100,000

The CIP is a planning tool as well as a financial plan and fulfills the County's policy of planning ahead for our future facilities and equipment needs. The first year of the CIP represents the actual capital project budget appropriated for that year. Approval of the CIP therefore commits the County to the first year of the capital projects with conditional approval for those projects listed in the four future planning years. Each year, the CIP is updated (with deletion of the "prior year" data and the addition of a planning year) to maintain a five-year plan.

The CIP preparation is concurrent with the budget process. In the fall of each year, all County departments submit their budget requests along with any capital projects for consideration and inclusion in the CIP. The requests are reviewed by the Facilities Director and the Budget Staff and submitted to the County Manager as part of the year's recommended budget.

Capital Projects Fund accounts for financial resources to be used for the acquisition or construction of major capital facilities and include the following:

**General Capital Projects Fund** - to account for the financing and construction of all major general government capital projects.

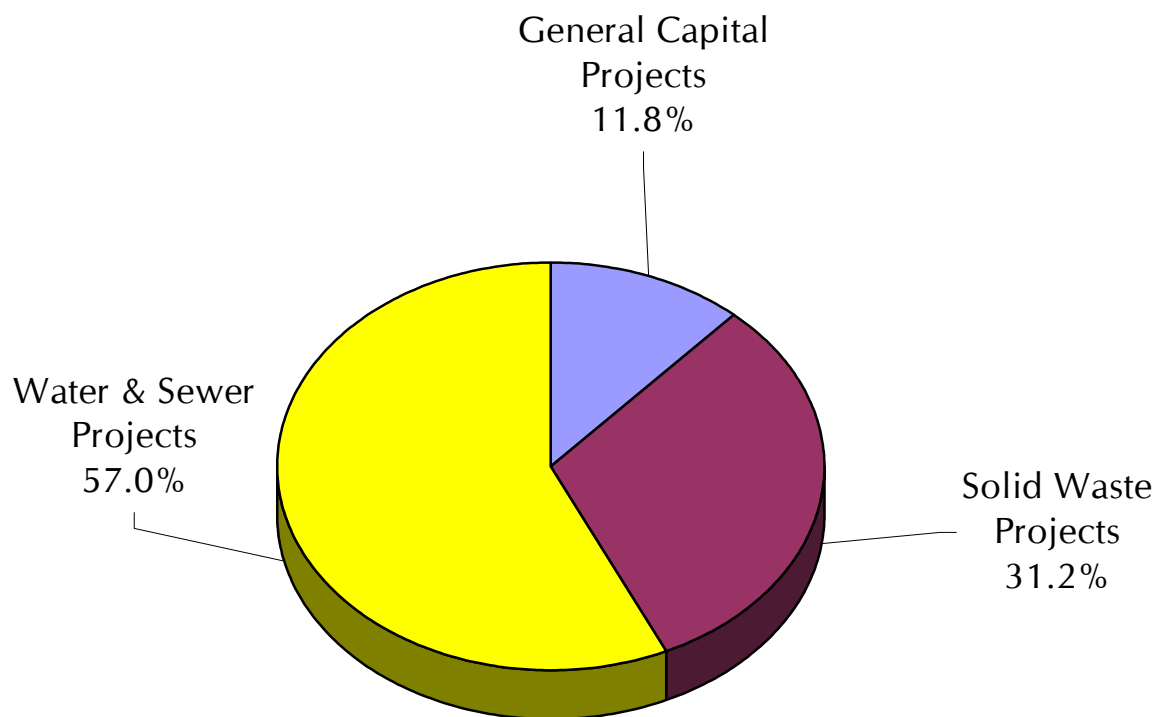
**Water & Sewer Construction Fund** - to account for the financing and construction of all major water and sewer capital projects in the unincorporated sections of the County.

**Schools' Capital & Construction Fund** – to account for the financing and construction of all major capital projects for the three school systems and community college.

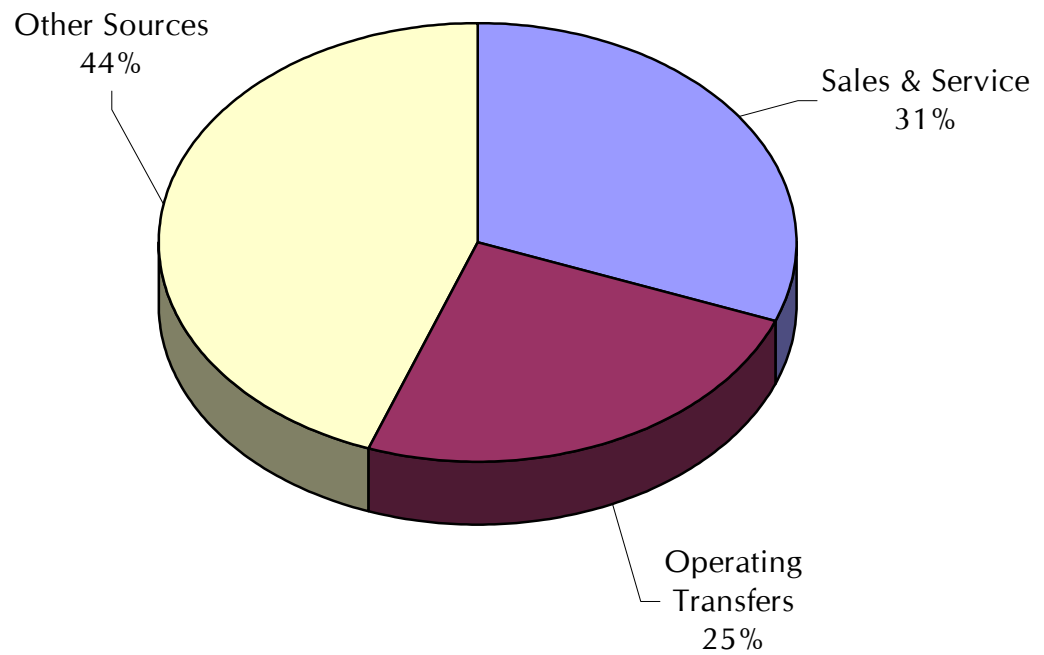
**CAPITAL IMPROVEMENT PLAN**  
**Capital Projects Summary**  
**Fiscal Years 2006/07 through 2010/11**

<b>Project</b>	<b>Fiscal Year 2006/07</b>	<b>Fiscal Year 2007/08</b>	<b>Fiscal Year 2008/09</b>	<b>Fiscal Year 2009/10</b>	<b>Fiscal Year 2010/11</b>	<b>Total</b>
<b><i>Expenditures</i></b>						
General Capital Projects	\$1,068,500	\$1,028,000	\$1,108,400	\$800,000	\$700,000	\$4,704,900
Schools' Capital Projects	\$0	\$25,395,000	\$14,767,500	\$9,850,000	\$0	\$50,012,500
Water & Sewer Projects	5,161,000	2,933,690	1,287,000	2,887,000	4,475,000	16,743,690
Solid Waste Projects	2,830,901	6,029,195	1,461,521	642,226	905,000	11,868,843
<b>Total</b>	<b>\$9,060,401</b>	<b>\$35,385,885</b>	<b>\$18,624,421</b>	<b>\$14,179,226</b>	<b>\$6,080,000</b>	<b>\$83,329,933</b>
<b><i>Funding Sources</i></b>						
Restricted Revenues						
State Water/Sewer Grant	\$0	\$0	\$0	\$0	\$0	\$0
Sales & Service						
Tipping Fees	\$2,730,901	\$5,929,195	\$1,361,521	\$542,226	\$805,000	\$11,368,843
Domestic Haulers	70,018	71,068	72,134	73,216	74,314	360,750
Operating Transfers						
From General Fund	\$278,500	\$977,850	\$963,126	\$800,000	\$700,000	\$13,867,354
To Water & Sewer	1,950,000	1,989,000	2,028,780	2,069,355	2,110,742	10,147,877
Other Sources						
Methane Revenues	100,000	100,000	100,000	100,000	100,000	500,000
Installment Purchase	0	25,395,000	14,767,500	9,850,000	0	50,012,500
Capital Revenues	669,142	679,179	689,367	699,707	710,203	3,447,599
Capital Reserves	2,471,840	194,443	(1,503,281)	44,722	1,579,741	2,787,465
General Capital Projects	112,000	50,150	115,149	0	0	277,299
Mental Health Indirect Cost	678,000	0	0	0	0	678,000
Municipalities	0	0	30,125	0	0	30,125
<b>Total</b>	<b>\$9,060,401</b>	<b>\$35,385,885</b>	<b>\$18,624,421</b>	<b>\$14,179,226</b>	<b>\$6,080,000</b>	<b>\$83,329,933</b>

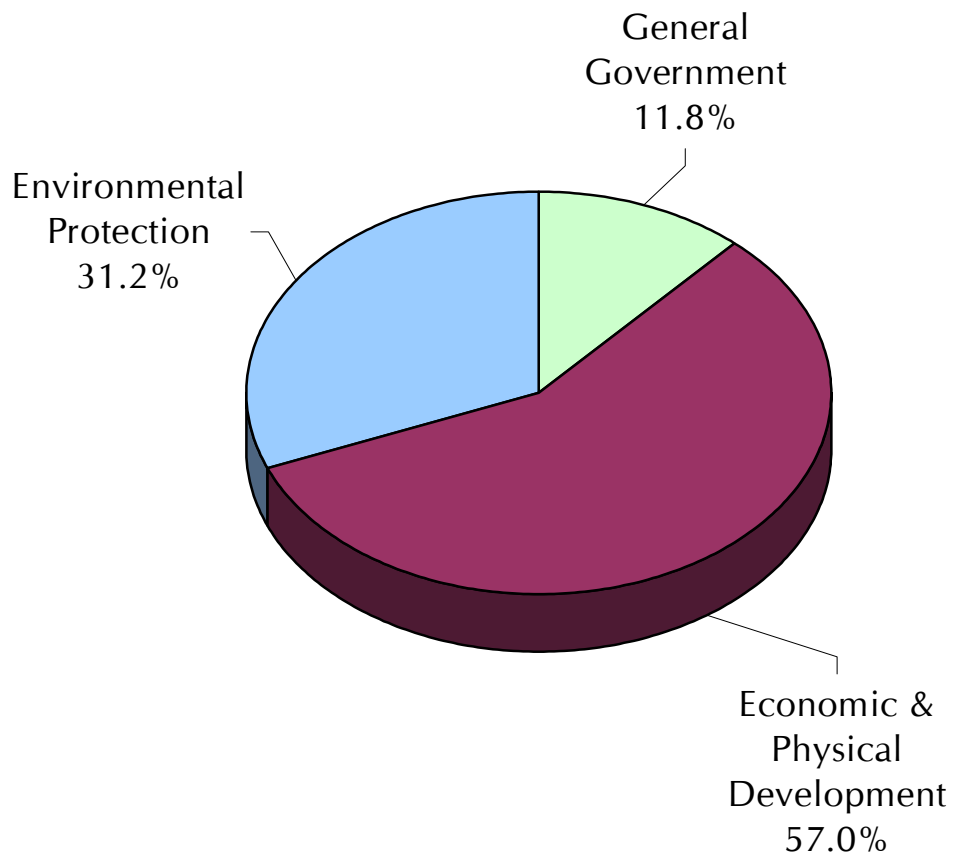
## Capital Projects Expenditure Summary Fiscal Year 2006/07



## Capital Projects Funding Summary Fiscal Year 2006/07



## Expenditure by Service Area Fiscal Year 2006/07



**CAPITAL IMPROVEMENT PLAN**  
**General Capital Projects**  
**Fiscal Years 2006/07 through 2010/11**

<b>Project</b>	<b>Fiscal Year 2006/07</b>	<b>Fiscal Year 2007/08</b>	<b>Fiscal Year 2008/09</b>	<b>Fiscal Year 2009/10</b>	<b>Fiscal Year 2010/11</b>	<b>Total</b>
<b><i>Expenditures</i></b>						
Contingency	50,000	50,000	50,000	50,000	50,000	250,000
Election Equipment Upgrade	0	0	65,000	0	0	65,000
Exchange E-mail Upgrade	0	0	0	100,000	0	100,000
Future Technology Needs	181,000	0	0	0	0	181,000
General Renovations	190,500	153,000	168,400	100,000	100,000	711,900
GIS IMS Server - Website	0	50,000	0	0	0	50,000
Imaging System	30,000	0	0	0	0	30,000
Infrastructure Upgrades	250,000	0	0	0	0	250,000
Permitting/Inspections Sytem Replacement	50,000	100,000	50,000	50,000	50,000	300,000
Microsoft Licensing	100,000	100,000	125,000	125,000	125,000	575,000
Mobile Field Applications	157,000	200,000	0	0	0	357,000
Orthophoto Upgrade	0	0	125,000	0	0	125,000
PeopleSoft Upgrade	0	0	150,000	0	0	150,000
Public Health Billing Server Upgrade	60,000	0	0	0	0	60,000
Sherrills Ford Branch Expnasion	0	375,000	375,000	375,000	375,000	1,500,000
<b>Total</b>	<b>\$1,068,500</b>	<b>\$1,028,000</b>	<b>\$1,108,400</b>	<b>\$800,000</b>	<b>\$700,000</b>	<b>\$4,704,900</b>
<b><i>Funding Sources</i></b>						
General Capital Projects Fund Balance	\$112,000	\$50,150	\$115,149	\$0	\$0	\$277,299
General Fund	278,500	977,850	963,126	800,000	700,000	3,719,476
Mental Health	678,000	0	0	0	0	678,000
Municipalities	0	0	30,125	0	0	30,125
<b>Total</b>	<b>\$1,068,500</b>	<b>\$1,028,000</b>	<b>\$1,108,400</b>	<b>\$800,000</b>	<b>\$700,000</b>	<b>\$4,704,900</b>

## **General Capital Projects**

### **Contingency**

Catawba County does not budget contingency in each individual project, but uses one amount to cover any unexpected costs.

### **Election Equipment Upgrade**

Notebook computers are being used in each precinct to quickly verify voting registration and to identify which ballot each voter is supposed to receive. By Fiscal Year 2008/09, the notebook computers will be five years old and in need of replacement. \$65,000 is planned to replace these computers at that time.

### **Exchange E-mail Upgrade**

This project is to replace hardware for our Microsoft Exchange Email and Active Directory servers. This will be necessary as the servers will be over 5 years old and software versions will no longer be supported. \$100,000 is planned for Fiscal Year 2009/10 to fund this project.

### **General Renovations**

\$166,500 is included in Fiscal Year 2006/07 based on the following identified needs: Cooling Tower – Government Center, Cooling Tower – Justice Center, Elevator – Newton Jail, Simplex Alarm System – Cooperative Extension, and Upgrade PA System – Government Center. In addition, this provides funds for unanticipated, large building needs that may occur during the year.

### **Geographic Information Service (GIS) IMS Server - Website**

The GIS provides services to many customers. The computer servers that store the GIS information must be replaced every five (5) years. In 2005, the server that provides information for the public on the County website will be replaced. Funds in the amount of \$50,000 are planned for Fiscal Year 2007/08 to replace the GIS server that provides services to the County and municipalities.

### **Imaging System**

This system will provide for online retrieval of information for many departments and will decrease the cost of record storage. The system will allow online retrieval of all documents associated with a building project (for OSP) and retrieval of Personnel/Payroll records (Personnel/Finance). The system can provide additional electronic information to the public via the County's web site. There will be an additional \$30,000 necessary in Fiscal Year 2006/07 for increased storage capacity.

### **Infrastructure Upgrades**

The Information Technology Center currently provides automation services to all County agencies. The County has an extensive network that encompasses wired communications, fiber communications, wireless communications, cable modem communications, and dial-up communications. The Information Technology Center must

continually replace/upgrade these components to ensure that the County can continue to conduct business. In addition, the Information Technology Center provides personal computers and printers to all County Departments. In the next year we plan to expand wireless network capabilities that will require consultants to assist with the design of a long-term solution for our wireless infrastructure. New equipment will need to be purchased to test new technology in select locations around the County. \$50,000 is included for Fiscal Year 2006/07 with \$200,000 planned for Fiscal Year 2007/08 to fully implement the project.

### **Microsoft Licensing**

The County must purchase software license in order to use said software. The Information Technology Center has developed a long-term plan to keep the County in compliance. \$100,000 is committed each year for the project. This amount will increase to \$125,000 in Fiscal Year 2008/09.

### **Mobile Field Applications**

Funds were included in Fiscal Year 2005/06 to begin a multi-departmental implementation of mobile applications starting with mobile building inspections. This capability will be expanded to other areas using monies assigned to a project fund over the next three budget years. Some advantages of using this technology are to provide current information to employees, customers, and patients in a more timely manner, reduce time spent by field staff in the office, eliminate the need for office space in some areas, and reduce redundant data entry. As this will be an ongoing project, funds are included in Fiscal Years 2006/07 and 2007/08.

### **Orthophoto Upgrade**

Funds in the amount of \$125,000 are included in Fiscal Year 2008/09 to update aerial photography. Funding amount includes contract to update aerial photos, administration costs, and purchasing additional disk storage. This aerial photography has consistently been updated every four years, which coincides with the re-evaluation schedule. In addition, as part of the regional ortho project, the participants agreed to update as a group every 4 years. Maintaining that schedule, the next fly-over will take place in Spring 2009. 24.1% of the funding will come from municipalities, with the remainder coming from the General Fund.

### **PeopleSoft Upgrade**

\$150,000 is planned for Fiscal Year 2008/09 to replace hardware currently in use for Financial and Human Resources functions. The County currently uses a software product called PeopleSoft to automate all Financial and Human Resource functions. The vendor mandates that we have reasonably current versions of all applications. The software must be upgraded every 2-3 years, and the hardware must be able to support the newer versions.

### **Permitting and Inspections System Replacement**

Currently, the County uses Accela Automation for processing inspections in Utilities and Engineering, Environmental Health, Planning & Zoning, the Fire Marshal's Office, and the



City of Hickory Planning agencies. The Tax Office, GIS, Legal Services, and Finance also use the systems to provide services. The Accela Corporation has two platforms that are available for use: Client/server (legacy version) and a Web-based platform. We are currently utilizing the legacy version. In the coming years (two to three), there will be a need to move to the Web-based platform to allow increased information sharing, but also because of decisions made by Accela to no longer support the client/server legacy platform. \$50,000 will be set aside each year from Fiscal Year 2006/07 through 2010/11 to provide for these upgrades.

#### **Public Health Billing Server Upgrade**

The support of the Public Health Billing software is coming to an end. At that time, there will be no support from the billing company, CMHC, on the product. This server is used to register clients, book appointments, document services, payments, and 3rd party billing. This server is also used to generate reports to justify grant applications and for required State reporting that affect other budget dollars. \$60,000 is planned for Fiscal Year 2007/08 to replace this server.

#### **Library Expansion**

A Library System Master Plan has been completed identifying needs with regards to space, operating efficiencies, and location issues. Renovations of the Main Library, including an improved entrance, additional parking, and Genealogy are the top priority. \$375,000 is planned for Fiscal Years 2007/08 through 2010/11 for a new branch library facility for Sherrills Ford. The total estimated construction cost for Sherrills Ford is \$1,500,000 including land. These funds would come from the General Fund, Library reinventing dollars, and support from the Friends of the Sherrills Ford Branch Library.

**Schools' Construction Projects**  
**Fiscal Years 2006/07 through 2010/11**

<b>Project</b>	<b>Fiscal Year 2006/07</b>	<b>Fiscal Year 2007/08</b>	<b>Fiscal Year 2008/09</b>	<b>Fiscal Year 2009/10</b>	<b>Fiscal Year 2010/11</b>	<b>Total</b>
<b><i>Expenditures</i></b>						
<b>Catawba County</b>						
Arndt Middle Addition	\$0	\$0	\$2,700,000	\$0	\$0	\$2,700,000
New Elementary #1	0	0	9,400,000	0	0	9,400,000
New Elementary #2	0	0	0	9,850,000	0	9,850,000
Bunker Hill	0	1,995,000	2,667,500	0		4,662,500
<b>Total</b>	<b>\$0</b>	<b>\$1,995,000</b>	<b>\$14,767,500</b>	<b>\$9,850,000</b>	<b>\$0</b>	<b>26,612,500</b>
<b>Hickory City</b>						
Hickory High Renovations	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
New Elementary School	0	9,800,000	0	0	0	9,800,000
	<b>\$0</b>	<b>\$12,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,800,000</b>
<b>Newton-Conover</b>						
New Elementary School	\$0	\$9,800,000	\$0	\$0	\$0	\$9,800,000
<b>Total</b>	<b>\$0</b>	<b>\$9,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,800,000</b>
<b>Catawba Valley Community College</b>						
Renovate Old Library	\$0	\$800,000	\$0	\$0	\$0	\$800,000
<b>Total</b>	<b>\$0</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,000</b>
<b>Total</b>	<b>\$0</b>	<b>\$25,395,000</b>	<b>\$14,767,500</b>	<b>\$9,850,000</b>	<b>\$0</b>	<b>\$50,012,500</b>
<b><i>Funding Sources</i></b>						
Installment Purchase/GO Bonds	\$0	\$25,395,000	\$14,767,500	\$9,850,000	\$0	\$50,012,500
<b>Total</b>	<b>\$0</b>	<b>\$25,395,000</b>	<b>\$14,767,500</b>	<b>\$9,850,000</b>	<b>\$0</b>	<b>\$50,012,500</b>

\*Order of projects to be determined in Fall 2006.

**CAPITAL IMPROVEMENT PLAN**  
**Water & Sewer Projects**  
**Fiscal Years 2006/07 through 2010/11**

<b>Project</b>	<b>Fiscal Year 2006/07</b>	<b>Fiscal Year 2007/08</b>	<b>Fiscal Year 2008/09</b>	<b>Fiscal Year 2009/10</b>	<b>Fiscal Year 2010/11</b>	<b>Total</b>
<b><i>Expenditures</i></b>						
Bandys / Mill Creek Sewer	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Blackburn Elementary School Sewer Ext.	0	472,690	0	0	0	472,690
Eco-Complex Regional Biosolids	300,000	TBD	TBD	TBD	TBD	300,000
EPA Stormwater Phase II	0	25,000	25,000	25,000	25,000	100,000
Feasibility Study & Engineering	11,000	11,000	12,000	12,000	12,000	58,000
Molly's Backbone/Mombo/Long Island Water Loop	0	0	0	0	900,000	900,000
Mountain View Sewer Phase I	0	0	0	2,500,000	0	2,500,000
Mountain View Sewer Phase II	0	0	0	0	2,500,000	2,500,000
Oxford Park/Rockett Terrace	0	0	0	0	388,000	388,000
Rock Barn/Oxford School Roads Water Loop	0	415,000	0	0	0	415,000
Rocky Ford/Startown Roads Water Loop	0	160,000	900,000	0	0	1,060,000
SECC Water Improvements	0	1,500,000	0	0	0	1,500,000
SECC Water Supply Loop Phase III	4,500,000	0	0	0	0	4,500,000
Sludge Compost Facility	350,000	350,000	350,000	350,000	350,000	1,750,000
<b>Total</b>	<b>\$5,161,000</b>	<b>\$2,933,690</b>	<b>\$1,287,000</b>	<b>\$2,887,000</b>	<b>\$4,475,000</b>	<b>\$16,743,690</b>
<b><i>Funding Sources</i></b>						
Domestic Haulers	\$70,018	\$71,068	\$72,134	\$73,216	\$74,314	\$360,750
State Grants	0	0	0	0	0	0
General Fund	1,950,000	1,989,000	2,028,780	2,069,355	2,110,742	10,147,878
Capital Revenues*	669,142	679,179	689,367	699,707	710,203	3,447,599
Capital Reserves	2,471,840	194,443	(1,503,281)	44,722	1,579,741	2,787,465
<b>Total</b>	<b>\$5,161,000</b>	<b>\$2,933,690</b>	<b>\$1,287,000</b>	<b>\$2,887,000</b>	<b>\$4,475,000</b>	<b>\$16,743,692</b>

\*Capital Revenues include revenues paid to the County from capital fees and revenue generating contracts for water and sewer lines.

\*Working capital for grants is incorporated in the CIP.

## **Water and Sewer Project Descriptions**

### **EcoComplex and Resource Recovery Facility**

The goal of this project is to relocate biosolids processing to the County's Blackburn Landfill and utilize more efficient, state of the art, thermal drying equipment and other processes. Relocating the facility to the landfill will allow the County to take advantage of synergies with other ongoing and planned activities at the landfill; thus, providing for improved economics for delivering services required by its citizenry and neighboring communities. \$600,000 is included in the Fiscal Year 2006/07 budget for conceptual development and preliminary design. \$300,000 will be funded by the Solid Waste Fund, and \$300,000 will be funded by the Water and Sewer Construction Fund. A business plan is included in the design and implementation phase, which will establish fee schedule and facility operational budget that replenishes 100% of the implementation cost to the water and sewer reserve fund and will function as an enterprise without requiring any tax proceeds.

### **Feasibility Study and Engineering**

Each year, the County samples seven points, National Pollutant Discharge Elimination System (NPDES), along Lake Norman for water protection. This is an ongoing project, including \$11,000 each of the next two years and \$12,000 each of the next three years, to ensure the safety of the water on Lake Norman and as a baseline for future infrastructure additions and its impact to water quality.

### **SECC Water Supply Loop Phase III**

This is the construction and engineering inspection/management for the third of three phases for installing a waterline loop to supply adequate water to the Southeastern Catawba County (SECC) Service Area. The engineering design of Phase III was budgeted in the Fiscal Year 2004/05 budget and the permitting, easement acquisitions and bidding process was budgeted in Fiscal Year 2005/06. \$4,500,000 is included in Fiscal Year 2006/07 budget for the Construction and Engineering Inspection/Management for Phase III.

### **Sludge Composting Facility**

Catawba County owns 18.5% of the Sludge Composting Facility, and this project represents the County's anticipated share of the debt service, maintenance, and operational costs of the facility, and engineering assessment of the existing equipment to evaluate the feasibility of usage in the EcoComplex and Resource Recovery Facility. \$350,000 is included in Fiscal Year 2006/07 as the County's share.

**CAPITAL IMPROVEMENT PLAN**  
**Solid Waste Projects**  
**Fiscal Years 2006/07 through 2010/11**

<b>Project</b>	<b>Fiscal Year 2006/07</b>	<b>Fiscal Year 2007/08</b>	<b>Fiscal Year 2008/09</b>	<b>Fiscal Year 2009/10</b>	<b>Fiscal Year 2010/11</b>	<b>Total</b>
<b><i>Expenditures</i></b>						
Blackburn Landfill						
Equipment	\$520,000	\$570,000	\$733,000	\$490,000	\$880,000	\$3,193,000
Other	27,000	25,000	25,000	25,000	25,000	127,000
Property Purchase	205,000	109,770	0	0	0	314,770
Blackburn Landfill Unit 1						
Gas Mitigation Remediation	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Blackburn Landfill Unit 3						
Construction	\$0	\$5,034,500	\$0	\$0	\$0	\$5,034,500
Design	0	95,000	80,000	0	0	175,000
C & D Landfill						
Construction and CQA	\$1,400,000	\$0	\$0	\$0	\$0	\$1,400,000
Construction Management	40,000	0	0	0	0	40,000
Convenience Centers						
Improvements	\$46,500	\$0	\$0	\$0	\$0	\$46,500
EcoComplex Biosolids Project						
Engineerng & Design	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Methane Energy - Blackburn						
Site Development	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Other	3,300	0	0	0	0	3,300
Newton Landfill						
Groundwater Remediation	\$54,101	\$56,271	\$57,958	\$59,696	\$0	\$228,026
Methane Gas Remediation	60,000	63,654	65,563	67,530	0	256,747
Wilfond Pond Fill						
Investigations	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Design	0	50,000	0	0	0	50,000
Construction	0	0	500,000	0	0	500,000
<b>Total</b>	<b>\$2,830,901</b>	<b>\$6,029,195</b>	<b>\$1,461,521</b>	<b>\$642,226</b>	<b>\$905,000</b>	<b>\$11,868,843</b>
<b><i>Funding Sources</i></b>						
Tipping Fees	\$2,730,901	\$5,929,195	\$1,361,521	\$542,226	\$805,000	\$11,368,843
Methane Revenues	100,000	100,000	100,000	100,000	100,000	500,000
<b>Total</b>	<b>\$2,830,901</b>	<b>\$6,029,195</b>	<b>\$1,461,521</b>	<b>\$642,226</b>	<b>\$905,000</b>	<b>\$11,868,843</b>

## **Solid Waste Projects**

### **Blackburn Landfill Unit 1 Gas Migration Remediation**

Due to gas migration, a Gas Remediation System is required to remove methane gas at the compliance boundary of Unit 1. \$150,000 for engineering and installation of the system is included in Fiscal Year 2006/07.

### **Blackburn Construction & Demolition Landfill**

The Construction and Quality Assurance Costs for Unit 2, Phase 2 of the expansion of the Construction & Demolition Landfill is included in Fiscal Year 2006/07; \$1,440,000.

### **Convenience Center Improvements**

Paving and concrete is needed at the Oxford Site due to extensive age and wear. The Site Attendant building was replaced in Fiscal Year 2005/06. \$26,500 is included in Fiscal Year 2006/07.

Site Improvements of paving and concrete are needed at the Sherrills Ford Site due to extensive age and wear. The Site Attendant building was replaced in Fiscal Year 2005/06. Currently, investigations comparing the costs of improvements at the existing site to the costs of relocating the site to the County owned property on Slanting Bridge Rd. \$20,000 is included in Fiscal Year 2006/07.

### **EcoComplex Biosolids Project**

The goal of this project is to relocate biosolids processing to the County's Blackburn Landfill and utilize more efficient, state of the art, thermal drying equipment and other processes. Relocating the facility to the landfill will allow the County to take advantage of synergies with other ongoing and planned activities at the landfill; thus, providing for improved economics for delivering services required by its citizenry and neighboring communities. \$600,000 is included in the Fiscal Year 2006/07 budget for conceptual development and preliminary design. \$300,000 will be funded by the Solid Waste Fund, and \$300,000 will be funded by the Water and Sewer Construction Fund. A business plan is included in the design and implementation phase, which will establish a fee schedule and facility operational budget that replenishes 100% of the implementation cost to the water and sewer reserve fund and will function as an enterprise without requiring any tax proceeds.

### **Newton Landfill**

In order to comply with North Carolina State Solid Waste Management Rules concerning closed landfill, groundwater and methane gas testing wells and remediation is a continuing budgeted expense. \$104,101 is included in Fiscal Year 2006/07.

### **Wilfong Pond Fill**

Engineering associated with the investigations to determine the feasibility of filling in a pond, known as Wilfong Pond, located on Blackburn Landfill property in order to save landfill airspace. \$25,000 is included in Fiscal Year 2006/07.

**Miscellaneous Landfill Equipment**

A heavy-duty ¾ ton diesel work truck will replace 2001 Dodge Ram with 102,000 miles. This vehicle must be capable of reaching all areas of the landfill, day or night, and function in a harsh environment. \$27,000 is included in Fiscal Year 2006/07.

A new grinder will replace a 1993 Morbark Tub Grinder that has 1,910 hours. The grinder is used to grind brush, trees, scrap furniture wood, and pallets into mulch to be used in the landfill during wet periods to keep dumping areas open, and sold to the public for personal use. The landfill receives approximately 8,000 tons of grindable material each year. The existing grinder will be traded in or declared surplus and sold. \$500,000 is included in Fiscal Year 2006/07.

A Mobile High Density Polyethylene (HDPE) welder is needed to construct methane gas collection lines as the landfill expands and new methane wells are installed. The mobile welder also allows staff to make repairs to the existing gas collection. The North Carolina State Solid Waste Management Rules requires landfills to manage methane gas to prevent migration and groundwater contamination. \$20,000 is included in Fiscal Year 2006/07.

**CATAWBA COUNTY, NORTH CAROLINA**  
**General Long-Term Debt Requirements and Maturity Schedule**  
**For the Year Ended June 30, 2005**

<b>Fiscal Year Ended June 30</b>	<b>Existing Debt</b>		<b>Total</b>
	<b>Principal</b>	<b>Interest</b>	
2006	6,525,000	2,009,518	8,534,518
2007	6,275,000	1,742,518	8,017,518
2008	6,380,000	1,489,869	7,869,869
2009	6,395,000	1,243,544	7,638,544
2010	6,455,000	993,494	7,448,494
2011 - 2015	17,310,000	1,763,488	19,073,488
	<b>\$49,340,000</b>	<b>\$9,242,431</b>	<b>\$58,582,431</b>

Annual debt service requirements to maturity for the County's general obligation bonds as listed above does not include any business type debt.